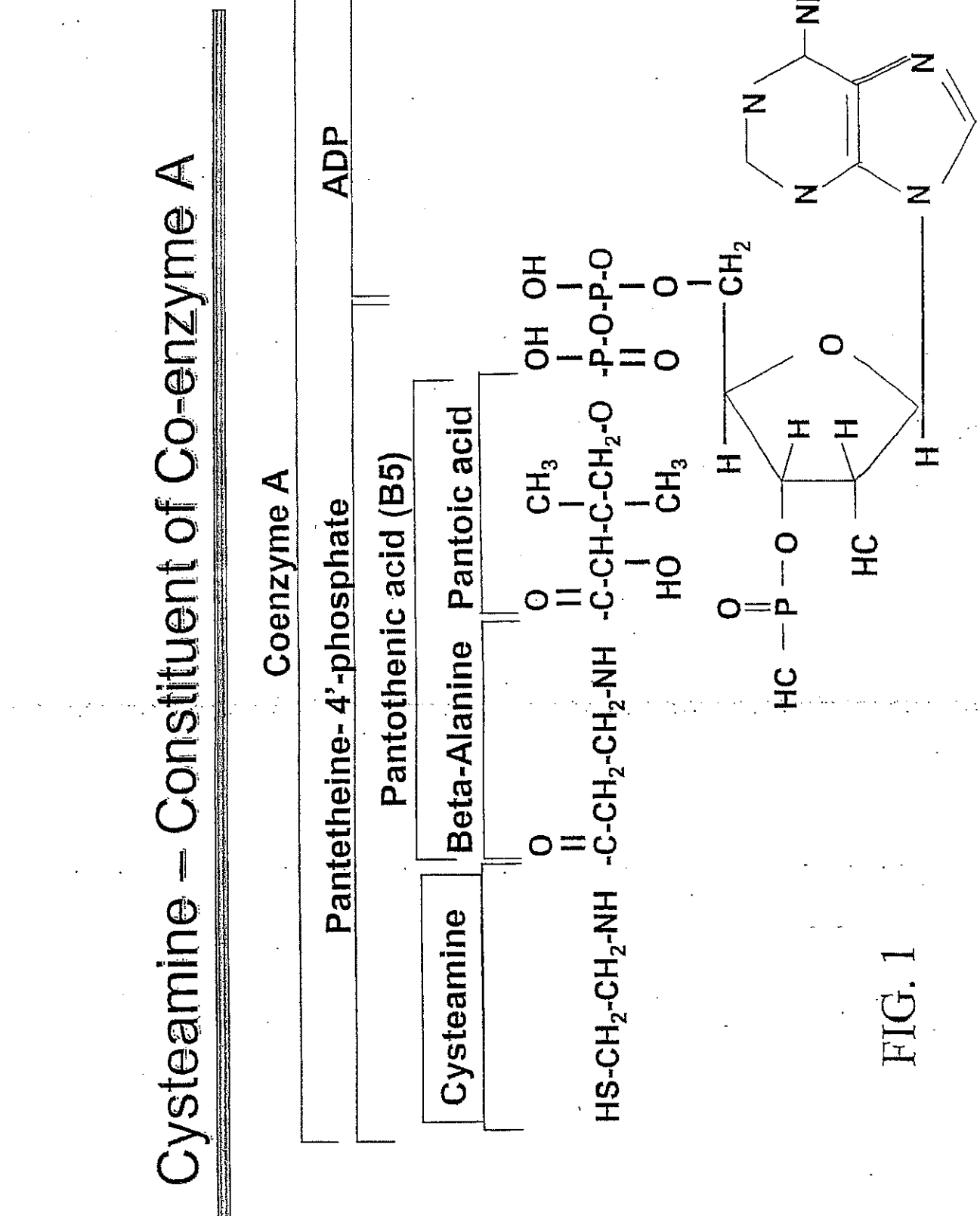

Cysteamine – Constituent of Co-enzyme A
Coenzyme A
Pantetheine- 4'-phosphate
ADP
Pantothenic acid (B5)
Cysteamine
Beta-Alanine
Pantoic acid
HS-CH2-CH2-NH
-C-CH2-CH2-NH
-C-CH-C-CH2-O
-P-O-P-O
CH3
OH
HO
HC
CH2
NH2
N
H
O

FIG. 1

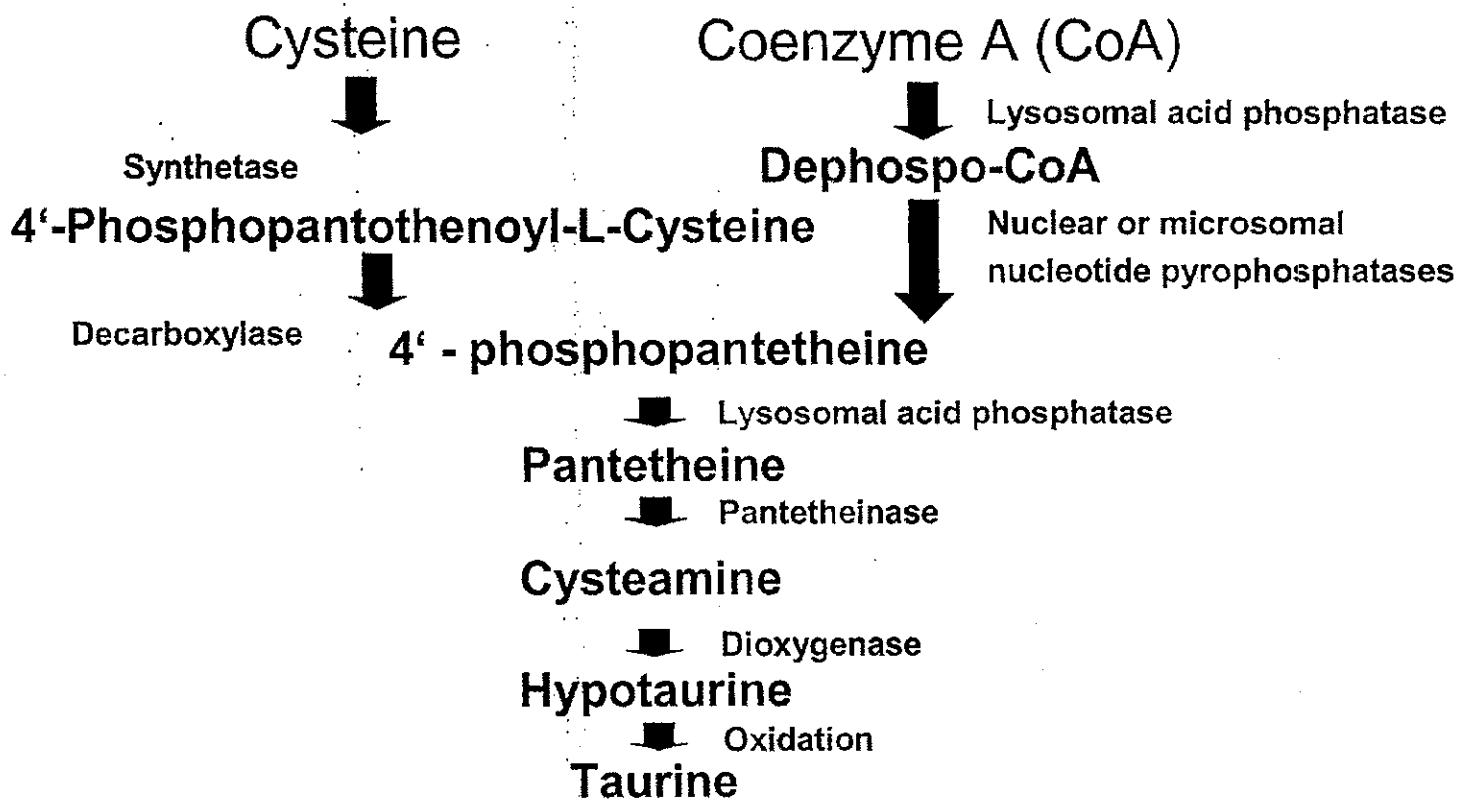

Cysteine
Coenzyme A (CoA)
Lysosomal acid phosphatase
Synthetase
Dephospo-CoA
4'-Phosphopantothenoyl-L-Cysteine
Nuclear or microsomal
nucleotide pyrophosphatases
Decarboxylase
4' - phosphopantetheine
Lysosomal acid phosphatase
Pantetheine
Pantetheinase
Cysteamine
Dioxygenase
Hypotaurine
Oxidation
Taurine

FIG. 2